

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------|------------------|---------|---------------------|
| L1 | 1 | ("6322695").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/13 12:46 |
| L3 | 102608 | pipera\$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 12:48 |
| L4 | 0 | 1 and 3 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 12:49 |
| L12 | 5 | ("20020004561" "3816355" "3991018" "4101461" "4192921"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 14:26 |
| L14 | 0 | 3 and 12 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 14:27 |
| S2 | 0 | (novel adj sulfonated adj porous adj resins).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/24 09:02 |
| S3 | 0 | (sulfonated adj porous adj resins).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/24 09:03 |
| S4 | 29 | (sulfonated near2 resins). ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/24 09:05 |
| S5 | 86 | (solid adj phase adj extraction).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/24 09:06 |
| S6 | 1 | ("6528167").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/19 10:00 |
| S7 | 1 | ("6686035").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/19 11:19 |

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|-----|-------|--|------------------------------|----|-----|---------------------|
| S8 | 23 | (("6322695") or ("5453185") or ("5728457") or ("4889632") or ("4923610") or ("4952349") or ("6238565") or ("6362245") or ("5882521") or ("3946749") or ("3954682") or ("3985540") or ("4828710") or ("4933372") or ("5030352") or ("5292818") or ("5976367") or ("6045697") or ("6106721") or ("6248798") or ("5230806") or ("5608438") or ("5587323")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/19 10:04 |
| S9 | 1 | ("5618438").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/19 13:53 |
| S10 | 21101 | benzylamine | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:54 |
| S11 | 960 | 210/635.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:54 |
| S12 | 2813 | 210/656-659.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:54 |
| S13 | 2640 | 210/198.2-198.3.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:54 |
| S14 | 3776 | S11 or S12 or S13 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:55 |
| S15 | 23 | S10 and S14 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/19 13:55 |
| S16 | 1 | ("20060021939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/07 15:10 |
| S17 | 547 | cyclic adj tertiary adj amine | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:26 |

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|-----|--------|---|------------------------------|----|----|---------------------|
| S18 | 1 | S16 and S17 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:11 |
| S19 | 27139 | cyclic with amine | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:13 |
| S20 | 1 | S16 and S19 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:18 |
| S21 | 4 | oxazetane | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:24 |
| S22 | 67 | oxazolane | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:28 |
| S23 | 136484 | ion adj exchang\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:25 |
| S24 | 27 | S22 and S23 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:25 |
| S25 | 5 | (cyclic adj tertiary adj amine) same (ion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:27 |
| S26 | 0 | oxazolane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:29 |
| S27 | 0 | oxazinane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:29 |
| S28 | 0 | oxazepane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:30 |
| S29 | 0 | oxazocane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:30 |
| S30 | 0 | oxazonane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:30 |
| S31 | 0 | oxazecane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:31 |
| S32 | 0 | thiazetane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:31 |
| S33 | 0 | thiazolane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:32 |

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| S34 | 0 | thiazinane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:32 |
| S35 | 0 | thiazepane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:32 |
| S36 | 0 | thiazocane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:32 |
| S37 | 0 | thiazonane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:33 |
| S38 | 0 | thiazecane same (ion adj exchang\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:34 |
| S39 | 1 | thiazecane | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:35 |
| S40 | 0 | substitut\$4 adj cyclid adj amine | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:36 |
| S41 | 248 | substitut\$4 adj cyclic adj amine | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:36 |
| S42 | 2 | (substitut\$4 adj cyclic adj amine) same (ion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:38 |
| S43 | 5 | (cyclic adj tertiary adj amine) same (ion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 16:01 |
| S44 | 1777 | (cyclic near2 amine) same (ion adj exchang \$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 16:00 |
| S45 | 120665 | "210"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:43 |
| S46 | 2 | S44 and S45 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 15:43 |
| S47 | 43 | (cyclic near2 amine) same (anion adj exchang \$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 16:03 |
| S48 | 3 | (cyclic adj tertiary adj amine) same (anion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/07 16:01 |
| S49 | 1 | ("20060021939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/08 12:28 |

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|-----|--------|--|------------------------------|----|-----|---------------------|
| S50 | 487966 | electron | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/08 12:28 |
| S51 | 1 | S49 and S50 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/08 12:28 |
| S52 | 1 | ("20060021939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/14 14:52 |
| S53 | 0 | ("pyrrolidone").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/14 14:53 |
| S54 | 97082 | pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:54 |
| S55 | 0 | S52 and S54 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:53 |
| S56 | 1308 | pyrrolidone with (ion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:10 |
| S57 | 121805 | "210"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:55 |
| S58 | 8 | S56 and S57 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:56 |
| S59 | 1822 | pyrrolidone same (ion adj exchang\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:42 |
| S60 | 28 | S57 and S59 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:03 |
| S61 | 27097 | "521"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:04 |
| S62 | 11 | S56 and S61 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:04 |
| S63 | 1 | (US-3489699-\$).did. | USOCR | OR | ON | 2007/03/14 16:07 |
| S64 | 5215 | pyrrolidone with amine | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:11 |
| S65 | 0 | S57 and S63 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:11 |

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|-----|-------|---------------------|------------------------------|----|-----|---------------------|
| S66 | 1 | S61 and S63 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 16:11 |
| S67 | 1 | ("20060021939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/15 13:00 |
| S70 | 4721 | benzyl adj amine | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/15 13:02 |
| S71 | 0 | S67 and S70 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/15 13:02 |
| S72 | 24165 | benzylamine | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/15 13:02 |
| S73 | 1 | S67 and S72 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/15 13:02 |
| S74 | 1 | "7232520".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:54 |
| S75 | 1 | "20070205156" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:55 |
| S76 | 1 | ("7442299").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 16:08 |

1/13/10 2:27:49 PM

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